

ABSTRACT

The invention concerns a method of managing a plurality of parallel hybrid ARQ processes including at least one of a reserved and/or additional HARQ process comprising the step of scheduling the available HARQ processes for transmission in accordance with at least one resource allocation parameter. Furthermore, the invention discloses a method of a plurality of hybrid HARQ processes including at least one of a reserved and/or additional HARQ process in a mobile communication system, wherein data flows are transmitted from a transmitter to a receiver comprising the steps of scheduling a number of transmission time intervals (TTI) in advance for a plurality of HARQ processes for transmission to the receiver, the step of predicting the channel conditions for the transmitted HARQ processes over at least one of the scheduled TTI and the step of assigning HARQ processes for transmission in accordance with the predicted channel conditions.